

## Diaz, Susanna

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**From:** Obiniyi, Paul (ASRC)  
**Sent:** Wednesday, May 17, 2006 10:22 AM  
**To:** Diaz, Susanna  
**Subject:** Search Result For 09/874717

Dear Susanna,

Please find attached below a copy of the search result for 09/874717. Feel free to contact me if you have additional questions or would like a re-focus search.

Thank you and have a great day.

Paul



051606Dia  
z.doc

Paul Obiniyi  
Technical Information Specialist  
ASRC-USPTO-STIC  
EIC 3600  
KNX 4B68 Rm4B59  
571-272-7734

## Business Full text Files

? show files; ds; save temp; logoff hold  
File 15:ABI/Inform(R) 1971-2006/May 16  
(c) 2006 ProQuest Info&Learning  
File 9:Business & Industry(R) Jul/1994-2006/May 08  
(c) 2006 The Gale Group  
File 275:Gale Group Computer DB(TM) 1983-2006/May 16  
(c) 2006 The Gale Group  
File 621:Gale Group New Prod.Annou.(R) 1985-2006/May 17  
(c) 2006 The Gale Group  
File 636:Gale Group Newsletter DB(TM) 1987-2006/May 16  
(c) 2006 The Gale Group  
File 16:Gale Group PROMT(R) 1990-2006/May 17  
(c) 2006 The Gale Group  
File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group  
File 148:Gale Group Trade & Industry DB 1976-2006/May 16  
(c)2006 The Gale Group  
File 610:Business Wire 1999-2006/May 17  
(c) 2006 Business Wire.  
File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire  
File 476:Financial Times Fulltext 1982-2006/May 18  
(c) 2006 Financial Times Ltd  
File 624:McGraw-Hill Publications 1985-2006/May 16  
(c) 2006 McGraw-Hill Co. Inc  
File 634:San Jose Mercury Jun 1985-2006/May 16  
(c) 2006 San Jose Mercury News  
File 20:Dialog Global Reporter 1997-2006/May 17  
(c) 2006 Dialog

| Set | Items   | Description  |
|-----|---------|--|
| S1  | 134446  | (USAGE? ? OR UTILIZATION? ? OR UTILISATION? ?) (7N) (DATA OR STATISTIC? ? OR INFO OR INFORMATION OR RECORD???)   |
| S2  | 41041   | S1(7N) ( COLLECT? OR UPDAT? OR MONITOR??? OR MEASUR??? OR - AGGREGAT??? OR GATHER??? OR COLLECT??? OR COLLOCAT??? OR ASSE-MBL??? OR POOL??? OR RECORD??? OR CAPTUR??? OR GET? ? OR GETT-ING OR RECEIV??? OR PULL??? OR GRAB? ? OR GRABBING OR EXTRACT-??? OR TAKE? ? |
| S3  | 1165892 | (POCKET?? OR PALM()TOP?? OR PALMTOP?? OR PALM(2N)PILOT?? OR HANDSPRING?? OR HAND()SPRING?? OR HANDHELD?? OR HAND()HELD-?? OR POCKETPC OR POCKET()PC )  |
| S4  | 4664981 | S3 OR (HANDHELD()DIGITAL()ORGANIZER?? OR PDA OR (PORTABLE-?? OR PERSONAL??) ()DIGITAL()ASSISTANT? ? OR PORTABLE()COMPUT?-??()DEVICE? ?) OR (ELECTRONIC OR COMPUT???) (3N) (UNIT? ? OR DE-VICE? ? OR EQUIPMENT?? OR APPARATUS OR SYSTEM? ?)                           |
| S5  | 374573  | (POWER? OR ENERGI?) (3N) (BATTERY? ? OR BATTERIES OR (POWER - OR ELECTRICAL OR FUEL) () (SUPPLY OR CELL? ?))   |
| S6  | 1511    | S5(7N) (DURATION OR PERIOD OR TIME() (FRAME? ? OR LENGTH) OR AMOUNT()TIME OR (ESTIMATE OR MEASURE) () (TIME OR MINUTE OR SEC-OND))   |
| S7  | 103537  | (POWER? OR ENERGI?) (7N) (EXTERNAL OR OUTSIDE OR OUT()SIDE OR EXTERIOR OR OUTWARD OR AC (3N) (POWER? ? OR ADPATER? ? OR CU-RRENT? ? OR VOLTAGE? ?))  |
| S8  | 240     | S7(7N) (DURATION OR PERIOD OR TIME() (FRAME? ? OR LENGTH) OR AMOUNT()TIME OR (ESTIMATE OR MEASURE) () (TIME OR MINUTE OR SEC-OND))   |
| S9  | 123     | (DURATION OR PERIOD OR TIME() (FRAME? ? OR LENGTH) OR AMOUN-T()TIME OR (ESTIMATE OR MEASURE) () (TIME OR MINUTE OR SECOND))- (7N) (SLEEP()MODE? ? OR AUTO()SHUTOFF)  |

|     |     |   |
|-----|-----|---|
| S10 | 0   | AU=(FLORE, R? OR FLORES R? OR BOTWICK, B? OR BOSTWICK B?) |
| S11 | 253 | S2(7N)S4  |
| S12 | 0   | S11(7N)S6   |
| S13 | 0   | S11(10N)S7  |
| S14 | 0   | S11(10N)S8  |
| S15 | 0   | S11 AND S6  |
| S16 | 3   | S11 AND S7  |
| S17 | 0   | S11 AND S8  |
| S18 | 0   | S11 AND S9  |
| S19 | 0   | S2(15N)S6   |
| S20 | 2   | S2 AND S6   |
| S21 | 198 | S2 AND S7   |
| S22 | 0   | S21 AND S8  |
| S23 | 0   | S2 AND S9   |

16/3,K/1 (Item 1 from file: 16)  
 DIALOG(R)File 16:Gale Group PROMT(R)  
 (c) 2006 The Gale Group. All rts. reserv.

11758143 Supplier Number: 126935517 (USE FORMAT 7 FOR FULLTEXT)  
**ProMat 2005: step inside Chicago's McCormick Place next month for the  
 year's most comprehensive materials handling event in North America.  
 Here's a preview of some of the products to be displayed. (PROMAT 2005  
 SHOW PREVIEW)**

Modern Materials Handling, v59, n13, p46(28)  
 Dec, 2004  
 Language: English Record Type: Fulltext  
 Document Type: Magazine/Journal; Trade  
 Word Count: 8443

... wheel electric lift trucks, available in 3,000 to 4,000 pound  
 capacities, feature an **AC power** system. The trucks employ AC MOSFET  
 transistor control technology that powers both the drive system...

...project finance. The Haskell Co. 904-791-4789 www.thehaskellco.com  
 WASHABLE, STAINLESS STEEL SCALE

**Powered** by either a rechargeable battery or **AC power**, the  
 KWD

1000 all-purpose electronic portion control scale features a removable  
 stainless steel platform...room safety. Sackett Systems, Inc. 800-323-  
 8332

www.sackett-systems.com

#### METER TRACKS POWER USAGE

The RF Hourmeter onboard, **electronic device records** actual  
 running hours for mobile power units such as engines, motors, hydraulic  
 pumps, and compressors...

...nose housing. The fully insulated, 60 amp connector is designed for  
 applications requiring high-current **power** connections to an **AC** or  
 DC  
 source up to 600 volts. It features silver-plated copper contacts,  
 offering  
 a...

16/3,K/2 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2006 The Gale Group. All rts. reserv.

0017796066 SUPPLIER NUMBER: 126935517 (USE FORMAT 7 OR 9 FOR  
FULL  
TEXT)

**ProMat 2005: step inside Chicago's McCormick Place next month for the  
year's most comprehensive materials handling event in North America.  
Here's a preview of some of the products to be displayed. (PROMAT 2005  
SHOW PREVIEW)**

Modern Materials Handling, 59, 13, 46(28)  
Dec, 2004

ISSN: 0026-8038 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 8443 LINE COUNT: 00731

... wheel electric lift trucks, available in 3,000 to 4,000 pound  
capacities, feature an **AC power** system. The trucks employ AC MOSFET  
transistor control technology that powers both the drive system...

...project finance. The Haskell Co. 904-791-4789 www.thehaskellco.com

WASHABLE, STAINLESS STEEL SCALE

**Powered** by either a rechargeable battery or **AC power**, the  
KWD

1000 all-purpose electronic portion control scale features a removable  
stainless steel platform...room safety. Sackett Systems, Inc. 800-323-  
8332

www.sackett-systems.com

METER TRACKS POWER **USAGE**

The RF Hourmeter onboard, **electronic device records** actual  
running hours for mobile power units such as engines, motors, hydraulic  
pumps, and compressors...

...nose housing. The fully insulated, 60 amp connector is designed for  
applications requiring high-current **power** connections to an **AC** or  
DC

source up to 600 volts. It features silver-plated copper contacts,  
offering

a...

16/3,K/3 (Item 2 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2006 The Gale Group. All rts. reserv.

03117381 SUPPLIER NUMBER: 04670622 (USE FORMAT 7 OR 9 FOR FULL  
TEXT)

**Builder fights to submeter, citing lower wiring cost. (Richmarr  
Construction Co.)**

Raffaele, Patricia

Energy User News, v12, p1(2)

Feb 16, 1987

ISSN: 0162-9131 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 802 LINE COUNT: 00062

... to let it submeter an apartment building, arguing that using a  
metering system from an **outside** company would save over \$200,000 in

**powerline** costs.

The firm, Richmarr Construction Co., has designed the 202-unit building with a submetering...

...the same situation, 12 individual circuits would be needed.

Walsh said that, as well as **collecting usage data** on a central **computer**, the Adec **system** will also include Personal Energy Display Units, wall-mounted LCD displays in each apartment that...  
?

? t/3,k/all

**20/3,K/1 (Item 1 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2006 The Gale Group. All rts. reserv.

07358369 Supplier Number: 59036171 (USE FORMAT 7 FOR FULLTEXT)

**Product Times.**

Holland, Colin

Electronics Times, p39

March 6, 1997

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 7883

... power monitors that identify energy wastage and, hence, save money for their users.

These instruments **gather** detailed **information** relating to electrical **usage** which can be stored, analysed and costed via a PC with the supplied Windows software...even in the absence of power, should the battery be removed or discharged. The lithium **battery** is used to **power** the unit for a **period** of up to nine months, depending on the features selected.

AMP

Tel: 0181 420 8044...

**20/3,K/2 (Item 2 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2006 The Gale Group. All rts. reserv.

07043350 Supplier Number: 57621453 (USE FORMAT 7 FOR FULLTEXT)

**THE REAL DEAL.**

MURASKIN, ELLEN

Computer Telephony, v6, n11, p128

Nov, 1998

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 3355

... disaster recovery plans. A UPS in the switch room gives  
Voiceware a  
one-hour grace **period** to find alternate **power supply** during  
**power**  
failure.

They don't have to look far; there's a generator in the  
parking...TSP  
prints invoices, summary reports and call detail records. Switch owners  
can  
use them to **measure** agent productivity, reconcile their **usage**  
**records**  
with carriers, and determine "breakage."  
Breakage is a debit-card businessman's gravy: it's...

### Patent Full text

? show files; ds; save temp; logoff hold  
File 348:EUROPEAN PATENTS 1978-2006/ 200619  
(c) 2006 European Patent Office  
File 349:PCT FULLTEXT 1979-2006/UB=20060511,UT=20060504  
(c) 2006 WIPO/Univentio

| Set | Items  | Description  |
|-----|--------|--|
| S1  | 22622  | (USAGE? ? OR UTILIZATION? ? OR UTILISATION? ?) (7N) (DATA OR STATISTIC? ? OR INFO OR INFORMATION OR RECORD???)   |
| S2  | 8620   | S1(7N) ( COLLECT? OR UPDAT? OR MONITOR??? OR MEASUR??? OR - AGGREGAT??? OR GATHER??? OR COLLECT??? OR COLLOCAT??? OR ASSEMBL??? OR POOL??? OR RECORD??? OR CAPTUR??? OR GET? ? OR GETTING OR RECEIV??? OR PULL??? OR GRAB? ? OR GRABBING OR EXTRACT-??? OR TAKE? ? |
| S3  | 103500 | (POCKET?? OR PALM()TOP?? OR PALMTOP?? OR PALM(2N)PILOT?? OR HANDSPRING?? OR HAND()SPRING?? OR HANDHELD?? OR HAND()HELD-?? OR POCKETPC OR POCKET()PC )  |
| S4  | 361036 | S3 OR (HANDHELD()DIGITAL()ORGANIZER?? OR PDA OR (PORTABLE-?? OR PERSONAL??) ()DIGITAL()ASSISTANT? ? OR PORTABLE()COMPUT?-??()DEVICE? ?) OR (ELECTRONIC OR COMPUT???) (3N) (UNIT? ? OR DEVICE? ? OR EQUIPMENT?? OR APPARATUS OR SYSTEM? ?)                          |
| S5  | 144368 | (POWER??? OR ENERGI???) (3N) (BATTERY? ? OR BATTERIES OR (POWER OR ELECTRICAL OR FUEL) () (SUPPLY OR CELL? ?))   |
| S6  | 3369   | S5(7N) (DURATION OR PERIOD OR TIME() (FRAME? ? OR LENGTH) OR AMOUNT()TIME OR (ESTIMATE OR MEASURE) () (TIME OR MINUTE OR SECOND))  |
| S7  | 48674  | (POWER??? OR ENERGI???) (7N) (EXTERNAL OR OUTSIDE OR OUT()SIDE OR EXTERIOR OR OUTWARD OR AC (3N) (POWER? ? OR ADPATER? ? - OR CURRENT? ? OR VOLTAGE? ?))   |
| S8  | 662    | S7(7N) (DURATION OR PERIOD OR TIME() (FRAME? ? OR LENGTH) OR AMOUNT()TIME OR (ESTIMATE OR MEASURE) () (TIME OR MINUTE OR SECOND))  |
| S9  | 466    | (DURATION OR PERIOD OR TIME() (FRAME? ? OR LENGTH) OR AMOUNT()TIME OR (ESTIMATE OR MEASURE) () (TIME OR MINUTE OR SECOND)) - (7N) (SLEEP()MODE? ? OR AUTO()SHUTOFF)  |
| S10 | 24     | AU=(FLORE, R? OR FLORES R? OR BOTWICK, B? OR BOSTWICK B?)  |
| S11 | 470    | S2(20N)S4  |
| S12 | 0      | S11(25N)S6   |
| S13 | 0      | S11(20N)S8   |

|     |   |            |
|-----|---|------------|
| S14 | 0 | S11(20N)S9 |
| S15 | 4 | S11 AND S6 |
| S16 | 2 | S11 AND S8 |
| S17 | 3 | S11 AND S9 |
| S18 | 0 | S10 AND S1 |

15/3,K/1 (Item 1 from file: 349)  
 DIALOG(R)File 349:PCT FULLTEXT  
 (c) 2006 WIPO/Univentio. All rts. reserv.

01111995 \*\*Image available\*\*

**METHODS OF OPERATING A PHOTO-THERMAL EPILATION APPARATUS**  
**PROCEDES DE FONCTIONNEMENT D'UN APPAREIL D'EPILATION PHOTO-THERMIQUE**

Patent Applicant/Inventor:

SHORT Kenneth, 142 Quaker Path, Setauket, NY 11733, US, US  
 (Residence),

US (Nationality)

BERTAN Howard, 41 Moss Lane, Jericho, NY 11753, US, US (Residence),  
 US

(Nationality)

Legal Representative:

TIERNO FScott (agent), Island Patent, 12 Rutgers Road, Farmingville,  
 NY

11738, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200432665 A2-A3 20040422 (WO 0432665)

Application: WO 2003US31484 20031003 (PCT/WO US03031484)

Priority Application: US 2002265965 20021007

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
 prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM  
 DZ

EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
 LK

LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU  
 SC

SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT  
 RO SE

SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 5599

Fulltext Availability:

Detailed Description

Detailed Description

... even as the

light pulse is produced. However, the amount of energy supplied  
 by the **power supply** 30 during the short **duration** of the light

12  
identical.

Returning the Figs. 2 and 3, in order to enable...  
...considerations, updating of  
system operating software, user training and evaluation,  
insuring calibrated and safe operation, **recording usage** ,  
enabling a count of pre-paid sessions to be loaded into a local  
**computing device** (such as embedded **computer 64**), blocking  
unauthorized usage, etc. An interface to communication channel  
72 may be provided by...

**15/3,K/2 (Item 2 from file: 349)**  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2006 WIPO/Univentio. All rts. reserv.

00991431 \*\*Image available\*\*

**METHOD FOR MEASURING PERFORMANCE METRICS OF A WIRELESS DEVICE**  
**PROCEDE DE MESURE DES PERFORMANCES D'UN DISPOSITIF SANS FIL**

Patent Applicant/Assignee:

TELEPHIA INC, 101 Green Street, San Francisco, CA 94111, US, US  
(Residence), US (Nationality), (For all designated states except:  
US)

Patent Applicant/Inventor:

HENDRICKSON Keith, 3745 Cavern Place, Carlsbad, CA 92008, US, US  
(Residence), US (Nationality), (Designated only for: US)  
MAGUY William, 125 San Jose Avenue, Apt. #3, San Francisco, CA 92110,  
US,  
US (Residence), US (Nationality), (Designated only for: US)  
PREHN Paul, 4110 Arbolado Drive, Walnut Creek, CA 94598, US, US  
(Residence), US (Nationality), (Designated only for: US)  
STAMOS Nick, 3046 Polk Street, Apt. A, San Francisco, CA 94109, US,  
US  
(Residence), US (Nationality), (Designated only for: US)  
SU Annie, 23 Rodgers Street, San Francisco, CA 94103, US, US  
(Residence),  
US (Nationality), (Designated only for: US)

Legal Representative:

CHUANG Thomas C (et al) (agent), Morrison & Foerster LLP, 425 Market  
Street, San Francisco, CA 94105-2482, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200321463 A1 20030313 (WO 0321463)  
Application: WO 2002US27631 20020829 (PCT/WO US0227631)  
Priority Application: US 2001944843 20010831

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM  
DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK  
LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG  
SI  
SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE  
SK TR



(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 17549

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... device parametric information based on real-time user activity  
(which can be tracked over a **period** of time) on metrics such as  
DSP,

**battery** life, **power** consumption, finger assignments, etc. Device  
manufacturers and network operators, for example, could use this

...with

location and time stamp data.

Another aspect of the invention provides a mobile wireless **device**  
comprising an **electronic** memory encoded with data **gathering**  
software

and data transfer software. The **data gathering** software **gathers**  
**information** pertaining to device **usage**. The **gathered**

**information**

includes event **data** in association with

7

respective location information ...the gathered information for  
transmission.

Yet another aspect of the invention comprises a method of **gathering**  
**information** concerning wireless mobile device **usage**. The method  
involves  
prescribing a panel of respective users of respective mobile wireless  
devices in which each respective mobile **device** includes **electronic**  
memory encoded with data **gathering** software and data transfer  
software.

The **data gathering** software **gathers** **information** pertaining to  
device **usage**. The **gathered information** includes event **data** in  
association with respective location information indicative of device  
location during the occurrences of such ...electronic memories of  
respective mobile devices of panelists of a panel comprised of  
respective

mobile **device** users. The respective **electronic** memories are  
encoded

with computer software for gathering data and for transferring the  
**gathered** data. The **data gathering** software **gathers**

**information**

pertaining to device **usage**. The **gathered information** includes  
event

**data** in association with respective location information indicative  
of

device location during the occurrences of such...

Claim

... be based on GPS, cell site location or overhead messaging  
information.

81 A mobile wireless **device** comprising:  
    **electronic** memory encoded with,  
    data **gathering** software which **gathers information** pertaining to  
    device  
    **usage** , the **gathered information** including event **data** and  
    association of respective  
57  
    events with respective location information indicative of device  
location  
    during...of the gathering of such I O respective network parametric  
data.

91 A method of **gathering information** concerning wireless mobile  
device **usage** comprising:  
prescribing a panel of respective users of respective mobile wireless  
devices;  
1 5 wherein each respective mobile **device** includes **electronic**  
memory  
    encoded with,  
    data **gathering** software which **gathers information** pertaining to  
    device  
    **usage** , the **gathered information** including event **data** and ...  
    information indicative of time of the occurrence of such respective  
    events.

95 A method of **gathering information** concerning wireless mobile  
device **usage** comprising:  
prescribing a panel of respective users of respective mobile wireless  
devices;  
wherein each respective mobile **device** includes **electronic** memory  
    encoded with,  
    data gathering software which gathers information pertaining to  
network  
    performance, the gathered...electronic memories of respective mobile  
    devices of panelists of a panel comprised of respective mobile  
**device**  
    users, the respective **electronic**  
    memories respectively encoded with respective computer software;  
    wherein the respective computer software comprise,  
    data **gathering** software which **gathers information** pertaining to  
    device  
    **usage** , the **gathered information** including event **data** and  
    association of respective events with respective location infor-  
nation  
    indicative of device location during...

15/3,K/3        (Item 3 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00886128        \*\*Image available\*\*

**SYSTEM AND METHOD FOR MEASURING WIRELESS DEVICE AND NETWORK USAGE  
AND**

**PERFORMANCE METRICS**  
**SYSTEME ET PROCEDE DE MESURE DE L'UTILISATION ET DU RENDEMENT DES**

## RESEAUX

### ET TERMINAUX RADIO

Patent Applicant/Assignee:

TELEPHIA INC, 101 Green Street, San Francisco, CA 94111, US, US  
(Residence), US (Nationality)

Inventor(s):

HENDRICKSON Keith, 3745 Cavern Place, Carlsbad, CA 92008, US,  
MAGUY William, 1340 McAllister Street, San Francisco, CA 94115, US,  
PREHN Paul, 4110 Arbolado Drive, Walnut Creek, CA 94598, US,  
STAMOS Nick, 3046 Polk Street, Apt. A, San Francisco, CA 94109, US,  
SU Annie, 23 Rodgers Street, San Francisco, CA 94103, US,

Patent Applicant/Inventor:

HENDRICKSON Keith, 3745 Cavern Place, Carlsbad, CA 92008, US, US  
(Residence), US (Nationality), (Designated only for: US)  
MAGUY William, 1340 McAllister Street, San Francisco, CA 94115, US,  
US  
(Residence), US (Nationality), (Designated only for: US)  
PREHN Paul, 4110 Arbolado Drive, Walnut Creek, CA 94598, US, US  
(Residence), US (Nationality), (Designated only for: US)  
STAMOS Nick, 3046 Polk Street, Apt. A, San Francisco, CA 94109, US,  
US  
(Residence), US (Nationality), (Designated only for: US)  
SU Annie, 23 Rodgers Street, San Francisco, CA 94103, US, US  
(Residence),  
US (Nationality), (Designated only for: US)

Legal Representative:

DURANT Stephen C (et al) (agent), Morrison & Foerster LLP, 425 Market  
Street, San Francisco, CA 94105-2482, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200219625 A2-A3 20020307 (WO 0219625)  
Application: WO 2001US27235 20010831 (PCT/WO US0127235)  
Priority Application: US 2000654486 20000901

Parent Application/Grant:

Related by Continuation to: US 2000654486 20000901 (CIP)

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM  
DZ

EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK  
LR

LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI  
SK

SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 17618

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... information based on real-time user activity (which can be tracked over 15 a **period** of time) on metrics such as DSP, **battery** life, **power** consumption, finger assignments, etc. Device manufacturers and network operators, for example, could use this information...with location and time stamp data.

Another aspect of the invention provides a mobile wireless **device** comprising an **electronic** memory encoded with data **gathering** software and data transfer software. The **data gathering** software **gathers information** pertaining to device **usage**. The **gathered information** includes event **data** in association with respective location information indicative of device location during the occurrences of such...

...the gathered information for transmission.

Yet another aspect of the invention comprises a method of **gathering** 15 **information** concerning wireless mobile device **usage**. The method involves prescribing a panel of respective users of respective mobile wireless devices in which each respective mobile **device** includes **electronic** memory encoded with data **gathering** software and data transfer software. The **data gathering** software **gathers information** pertaining to device **usage**. The **gathered information** includes event **data** in association with respective location information indicative of device location during the occurrences of such...

...electronic memories of respective mobile devices of panelists of a panel comprised of respective mobile **device** users. The respective **electronic** memories are encoded with computer software for gathering data and for transferring the **gathered** data. The **data gathering** software **gathers information** pertaining to device **usage**. The **gathered information** includes event **data** in association with respective location information indicative of device location during the occurrences of such...

Claim

... be based on GPS, cell site location or overhead messaging information.

81 A mobile wireless **device** comprising:

**electronic** memory encoded with, data **gathering** software which **gathers information** pertaining to device **usage**, the **gathered information** including event **data** and association of respective events with respective location information indicative of device location during the...

...prescribing a panel of respective users of respective mobile wireless devices;  
wherein each respective mobile **device** includes **electronic** memory encoded with,  
data **gathering** software which **gathers** **information** pertaining to device **usage** , the **gathered** **information** including event **data** and association of respective events with respective location information indicative of device location during the...

...information indicative of time of the occurrence of such respective events.

95 A method of **gathering** **information** concerning wireless mobile device **usage** comprising:

74

prescribing a panel of respective users of respective mobile wireless devices;  
wherein each respective mobile **device** includes **electronic** memory encoded with,  
data gathering software which gathers information pertaining to network performance, the gathered...

...electronic memories of respective mobile devices of panelists of a panel

comprised of respective mobile **device** users, the respective **electronic**

memories respectively encoded with respective computer software;  
wherein the respective computer software comprise,

75

data **gathering** software which **gathers** **information** pertaining to device **usage** , the **gathered** **information** including event **data** and association of respective events with respective location information indicative of device location during the...

15/3,K/4 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00847400

INFORMATION LEASE MANAGEMENT SYSTEM, INFORMATION LEASE MANAGEMENT

APPARATUS, INFORMATION PROCESSING APPARATUS, INFORMATION LEASE

MANAGEMENT METHOD AND RECORDING MEDIUM

SYSTEME DE GESTION DE LOCATION D'INFORMATIONS, APPAREIL DE GESTION DE

LOCATION D'INFORMATIONS, APPAREIL DE TRAITEMENT D'INFORMATIONS, PROCEDE

**DE GESTION DE LA LOCATION D'INFORMATIONS ET SUPPORT  
D'ENREGISTREMENT**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200180048 A2 20011025 (WO 0180048)

Application: WO 2001JP2676 20010329 (PCT/WO JP0102676)

Priority Application: JP 2000111269 20000412

Designated States:

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CA CN KR US

(EP) DE FR GB

Publication Language: English

Filing Language: English

Fulltext Word Count: 14244

Fulltext Availability:

Detailed Description

Detailed Description

... its automatically

erasable time limit storage function, and then, the information  
contents stored in the **recording** medium is automatically  
erased based on the **utilization** condition **information** .

According to the **information** lease management  
method, there can be constructed a rental video **system** , a  
rental **electronic** library **system** , or a home use communication  
karaoke system and the Rke using Internet or communication  
lines...supplied until the main body  
side electrode 57 has reached the left end of the **power** **supply**  
electrode pattern 47. Using this **period** , the rental video data  
stored in the HDD unit 40 is erased.

Now, exemplary operation...

?

16/3,K/1 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00990063 \*\*Image available\*\*

**DEVICE FOR MEASURING DISTANCES WITHIN BODY CAVITIES**

DISPOSITIF DE STIMULATION PAR VOIE ELECTRIQUE ET/OU DE  
DETECTION DE  
L'ACTIVITE ELECTRIQUE DE MUSCLES ET/OU DE NERFS DEFINISSANT  
ET  
ENTOURANT UNE CAVITE CORPORELLE

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200318106 A2-A3 20030306 (WO 0318106)  
Application: WO 2002IL716 20020829 (PCT/WO IL0200716)  
Priority Application: US 2001315720 20010830

Designated States:

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AE AG AL AM AT (utility model) AT AU AZ BA BB BG BR BY BZ CA CH CN CO  
CR

CU CZ (utility model) CZ DE (utility model) DE DK (utility model) DK  
DM

DZ EC EE (utility model) EE ES FI (utility model) FI GB GD GE GH GM  
HR HU

ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW  
MX

MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (utility model) SK SL TJ TM  
TN

TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE  
SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 9640

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... diamond shape.

Preferably, said container comprises a layer of silicon substantially covering and containing said **electronic measuring device** .

Preferably, said **data utilization** system comprises a user sensible display.

Preferably, said display comprises a bar display.

Preferably, in...output unit comprises an infra-red data transmission module operable to transmit data between said **measuring device** and said external **data utilization system** .

Preferably, said **electronic measuring device** comprises a capacitance measurement tool operable to respond quantitatively to changes in capacitance of a...and control unit 20 preferably also includes a processing unit as is further detailed hereinbelow.

**Power** and control unit 20 preferably also includes **exterior controls** for controlling the intensity, frequency and **duration** of the electrical current provided to electrodes 14. In device 10 which includes more than ...

Claim

... output unit comprises an infra-red data transmission module operable to transmit data between said **measuring unit** and said external **data utilization system**.

19 The device of claim 1, wherein said **electronic measuring unit** comprises a capacitance measurement tool operable to respond quantitatively to changes in capacitance of a...

16/3,K/2 (Item 2 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00977134 \*\*Image available\*\*

**MONITORING AND SYNCHRONIZATION OF POWER USE OF COMPUTERS IN A NETWORK  
SURVEILLANCE ET SYNCHRONISATION DE L'UTILISATION DE  
L'ALIMENTATION**

**D'ORDINATEURS DANS UN RESEAU**

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Patent and Priority Information (Country, Number, Date):  
Patent: WO 200307135 A2-A3 20030123 (WO 0307135)  
Application: WO 2002US21570 20020709 (PCT/WO US0221570)  
Priority Application: US 2001304136 20010709; US 200281728 20020221  
Designated States:  
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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM  
DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK  
LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG  
SI  
SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE  
SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 14479

Fulltext Availability:  
Detailed Description

#### Detailed Description

... power usage information for the computer on which it is  
implemented,  
and then reports the **recorded power usage information** to the  
second  
unit. The client unit also interfaces with the operating **system** of  
the  
**computer** on which the client unit is implemented, in order to  
schedule  
and enforce power management...445 is entitled "Surveyor Night  
Scheme."  
Field 443 of the interface 401 then displays a **power** scheme to be  
implemented **outside** of the scheduled time **period** ,  
13  
referred to as the "Daytime scheme." The field 439 includes a ...art  
will  
also appreciate that the server unit 317 can distribute power  
management  
profiles, power **usage** information and exception **information**  
**monitoring** and **recording** instructions, and new power settings and  
power states to the client **units** 303 or client **computers** 205  
using  
any known suitable distribution mechanism. For example, the server

unit  
317 may "push...  
?

17/3,K/1 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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01364761 \*\*Image available\*\*

**METHODS AND APPARATUS FOR OPERATING A WIRELESS ELECTRONIC DEVICE  
BASED ON**

**USAGE PATTERN**

**PROCEDES ET APPAREIL DESTINES A FAIRE FONCTIONNER UN  
DISPOSITIF**

**ELECTRONIQUE SANS FIL SUR LA BASE D'UN SCHEMA D'UTILISATION**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200647779 A1 20060504 (WO 0647779)

Application: WO 2005US39314 20051027 (PCT/WO US2005039314)

Priority Application: US 2004976936 20041027

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2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK  
DM

DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KM KN KP  
KR

KZ LC LK LR LS LT LU LV LY MA MD MG MK MN MW MX MZ NA NG NI NO NZ OM  
PG

PH PL PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ  
VC

VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV  
MC NL

PL PT RO SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

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Fulltext Word Count: 7444

Fulltext Availability:  
Detailed Description  
Claims

#### Detailed Description

... in the sleep mode when the wireless electronic device is unused for a predefined time **period** . Alternatively, the individual may manually enable the **sleep mode** .

[00041 As noted above, wireless electronic devices may provide a variety of services and/or...

...manner in which an individual (e.g., 130 of FIG. 1) may use the wireless

**electronic device** 200. In one example, the identifier 210 may **receive usage information** from the **monitor** 220 to identify the **usage pattern**. To generate the **usage information** , the **monitor** ,220 may **monitor** one or more characteristics of the wireless **electronic device** 200 (e.g., operating mode, time of operation, type of activities, etc.) corresponding to activities...

...a weekend. Alternatively, the monitor 220 may monitor one or more characteristics of the wireless **electronic device** 200 over other suitable time periods in terms of seconds, minutes, hours, days, weeks, months, years, etc. Based on the **usage information** from the **monitor** 220, the identifier 210 may adjust the usage pattern to provide a dynamic usage pattern...

...FIG. 2, the identifier 210 may also identify the usage pattern associated with the wireless **electronic device** 200 based on usage information from one or more other wireless **electronic devices** .

For example, the laptop computer 122 may **receive usage information** from the wireless telephone 124, the digital camera 126 and/or the **handheld** computer 128.

Accordingly, the laptop computer 122 may identify a usage pattern based on the...

...block 520 so that the wireless electronic device 200 may continue to operate in the **sleep mode** . Otherwise, if the sleep **period** SP is greater than or equal to the sleep threshold ST (i.e.,  $SP \geq ST$ ...

#### Claim

... method as defined in claim 1, wherein identifying the usage pattern

associated with the wireless **electronic device** comprises  
**receiving**  
    **usage information** indicative of one or more characteristics  
associated  
    with a first wireless **electronic device** at a second wireless  
    **electronic device** , and wherein the first and second wireless  
    electronic devices are associated with an ensemble of...

...operating mode of the wireless electronic device based on the usage  
pattern comprises adjusting a **period** to operate a **sleep mode**  
associated with the wireless electronic device.

21  
    . A method as defined in claim I RL...

...content, when accessed, causes the machine to identify the usage  
pattern  
    associated with the wireless **electronic device** by **receiving**  
**usage**  
    **information** indicative of one or more characteristics associated  
with a  
    first wireless **electronic device** at a second wireless **electronic**  
    **device** ,

22  
    and wherein the first and second wireless electronic devices are  
    associated with an ensemble...

...mode associated with the wireless electronic device based on the  
usage  
    pattern by adjusting a **period** to operate a **sleep mode**  
associated  
    with the wireless electronic device.

13 An article of manufacture as defined in claim...

...further comprising a monitor to  
    monitor for one or more characteristics associated with the wireless  
    **electronic device** for one or more circadian periods.

17 An apparatus as defined in claim 15 further comprising a **receiver**  
to  
    **receive usage information** indicative of one or more  
characteristics  
    associated. with a first wireless **electronic device** at a second  
    wireless **electronic device** , and wherein the first and second  
wireless  
    electronic devices are associated with an ensemble of...

...An apparatus as defined in claim 15, wherein the controller is  
    configured to adjust a **period** to operate a **sleep mode**  
associated  
    with the wireless electronic device.

21 An apparatus as defined in claim 15, wherein...

...A system as defined in claim 22, wherein the processor is configured  
to  
    adjust a **period** to operate a **sleep mode** associated with the  
    wireless electronic device.

28 A system as defined in claim 22, wherein...

**17/3,K/2 (Item 2 from file: 349)**

DIALOG(R) File 349:PCT FULLTEXT

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01246251

**DEVICE FOR COLLECTING STATISTICAL DATA FOR MAINTENANCE OF SMALL-ARMS  
DISPOSITIF DE COLLECTE DE DONNEES STATISTIQUES POUR LA MAINTENANCE  
D'ARMES**

**LEGERES**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200552493 A2 20050609 (WO 0552493)

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Priority Application: US 2003720778 20031124

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applications

2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK  
DM

DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC

LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT  
RO

RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM  
ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LU MC NL  
PL PT

RO SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 12300

Fulltext Availability:

## Claims

### Claim

... a heat shield for providing thermal insulation between the case and the barrel.

22 An **electronic system** for collecting data from small-arms, comprising: at least one device for **collecting data** on **usage** of a firearm having a barrel, comprising: a single accelerometer mounted on the firearm producing...

...to the processor, for transferring data from the device; an external data collection **device** comprising a programmed **computer** coupled to the processor through the interface.

23 A method of **collecting data** on **usage** of a firearm having a barrel, comprising the steps of mounting a single accelerometer on...

...the step of unloading the stored information from the memory to an external data collection **device** comprising a programmed **computer** coupled to the processor through an interface. 3 1. A device for **collecting data** on **usage** of a firearm having a barrel, comprising: an RF detector mounted on the firearm producing... of claim 82, further comprising the step of switching the processor to a power saving **sleep mode** if a determined time **period** has elapsed after sensing a shot.

91 The method of claim 90, further comprising the...

17/3,K/3 (Item 3 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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01129704

### DEAD NOZZLE COMPENSATION

### COMPENSATION D'UNE BUSE HORS ETAT DE FONCTIONNEMENT

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Patent and Priority Information (Country, Number, Date):  
Patent: WO 200450369 A1 20040617 (WO 0450369)  
Application: WO 2003AU1616 20031202 (PCT/WO AU03001616)  
Priority Application: AU 2002953134 20021202; AU 2002953135 20021202  
Designated States:  
(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)  
AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK  
DM  
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC  
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO  
RU  
SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT  
RO SE  
SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 387411

Fulltext Availability:  
Claims

#### Claim

... motor control.

10 12 Sleep mode

The CPU can put different sections of SoPEC into **sleep mode** by  
writing to registers in the CPR block described in Section 16. 1 0  
1...

occur then the expected SHA-1 hash 5 is retrieved from the PSS and

the

**compute** intensive decryption is not required. 7) The calculated and expected hash values are compared and...

?

### **Bibliographic Files**

? show files; ds; save temp; logoff hold  
File 35:Dissertation Abs Online 1861-2006/Apr  
(c) 2006 ProQuest Info&Learning  
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 The Gale Group  
File 65:Inside Conferences 1993-2006/May 16  
(c) 2006 BLDSC all rts. reserv.  
File 2:INSPEC 1898-2006/May W1  
(c) 2006 Institution of Electrical Engineers  
File 144:Pascal 1973-2006/Apr W4  
(c) 2006 INIST/CNRS  
File 474:New York Times Abs 1969-2006/May 16  
(c) 2006 The New York Times  
File 475:Wall Street Journal Abs 1973-2006/May 16  
(c) 2006 The New York Times  
File 99:Wilson Appl. Sci & Tech Abs 1983-2006/Apr  
(c) 2006 The HW Wilson Co.

| Set | Items  | Description   |
|-----|--------|---|
| S1  | 25492  | (USAGE? ? OR UTILIZATION? ? OR UTILISATION? ?)(7N)(DATA OR STATISTIC? ? OR INFO OR INFORMATION OR RECORD???)  |
| S2  | 4218   | S1(7N)( COLLECT? OR UPDAT? OR MONITOR??? OR MEASUR??? OR - AGGREGAT??? OR GATHER??? OR COLLECT??? OR COLLOCAT??? OR ASSEMBL??? OR POOL??? OR RECORD??? OR CAPTUR??? OR GET? ? OR GETTING OR RECEIV??? OR PULL??? OR GRAB? ? OR GRABBING OR EXTRACT-??? OR TAKE? ? |
| S3  | 57978  | (POCKET?? OR PALM()TOP?? OR PALMTOP?? OR PALM(2N)PILOT?? OR HANDSPRING?? OR HAND()SPRING?? OR HANDHELD?? OR HAND()HELD-?? OR POCKETPC OR POCKET()PC )   |
| S4  | 561231 | S3 OR (HANDHELD()DIGITAL()ORGANIZER?? OR PDA OR (PORTABLE-?? OR PERSONAL??)( )DIGITAL()ASSISTANT? ? OR PORTABLE()COMPUT-??()DEVICE? ?) OR (ELECTRONIC OR COMPUT???) (3N)(UNIT? ? OR DEVICE? ? OR EQUIPMENT?? OR APPARATUS OR SYSTEM? ?)                           |
| S5  | 81536  | (POWER? OR ENERGI?)(3N)(BATTERY? ? OR BATTERIES OR (POWER - OR ELECTRICAL OR FUEL)( ) (SUPPLY OR CELL? ?))  |
| S6  | 353    | S5(7N)(DURATION OR PERIOD OR TIME()(FRAME? ? OR LENGTH) OR AMOUNT()TIME OR (ESTIMATE OR MEASURE)( ) (TIME OR MINUTE OR SECOND))   |
| S7  | 26539  | (POWER? OR ENERGI?)(7N)(EXTERNAL OR OUTSIDE OR OUT()SIDE OR EXTERIOR OR OUTWARD OR AC (3N)(POWER? ? OR ADPATER? ? OR CURRENT? ? OR VOLTAGE? ?))   |
| S8  | 115    | S7(7N)(DURATION OR PERIOD OR TIME()(FRAME? ? OR LENGTH) OR AMOUNT()TIME OR (ESTIMATE OR MEASURE)( ) (TIME OR MINUTE OR SECOND))   |
| S9  | 9      | (DURATION OR PERIOD OR TIME()(FRAME? ? OR LENGTH) OR AMOUNT()TIME OR (ESTIMATE OR MEASURE)( ) (TIME OR MINUTE OR SECOND))- (7N)(SLEEP()MODE? ? OR AUTO()SHUTOFF)  |
| S10 | 429    | AU=(FLORE, R? OR FLORES R? OR BOTWICK, B? OR BOSTWICK B?)   |
| S11 | 1      | S10 AND S1  |
| S12 | 0      | S11 AND S2  |
| S13 | 321    | S2 AND S4   |
| S14 | 0      | S13 AND S6  |



|     |   |            |
|-----|---|------------|
| S15 | 0 | S13 AND S8 |
| S16 | 0 | S13 AND S9 |
| S17 | 0 | S1 AND S6  |
| S18 | 0 | S1 AND S8  |
| S19 | 2 | S1 AND S9  |

**19/3,K/1 (Item 1 from file: 35)**

DIALOG(R)File 35:Dissertation Abs Online

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02048129 ORDER NO: AADAA-IMQ95338

**On the use of data inference for energy conservation in wireless sensor networks**

Author: Hartl, Gregory

Degree: M.A.Sc.

Year: 2004

Corporate Source/Institution: University of Toronto (Canada) (0779)

Source: VOLUME 43/03 of MASTERS ABSTRACTS.

PAGE 933. 84 PAGES

ISBN: 0-612-95338-6

...propose a novel approach for efficiently sensing a remote field by trading off reduced energy **usage** for reduced accuracy of the **data recorded**. Our approach, the *infer* algorithm, puts nodes into **sleep mode** for a given **period** of time and uses Bayesian inference to infer the missing data from the nodes in...

**19/3,K/2 (Item 1 from file: 2)**

DIALOG(R)File 2:INSPEC

(c) 2006 Institution of Electrical Engineers. All rts. reserv.

09598263 INSPEC Abstract Number: B2005-11-6250B-010, C2005-11-6170K-061

**Title: infer: a Bayesian inference approach towards energy efficient data collection in dense sensor networks**

Author(s): Hartl, G.; Baochun Li

Author Affiliation: Dept. of Electr. & Comput. Eng., Toronto Univ., Ont., Canada

Conference Title: 25th IEEE International Conference on Distributed Computing Systems p.371-80

Publisher: IEEE Comput. Soc, Los Alamitos, CA, USA

Publication Date: 2005 Country of Publication: USA xviii+827 pp.

ISBN: 0 7695 2331 5 Material Identity Number: XX-2005-00952

U.S. Copyright Clearance Center Code: 0 7695 2331 5/2005/\$20.00

Conference Title: 25th IEEE International Conference on Distributed Computing Systems

Conference Sponsor: IEEE Comput. Soc. Tech. Comm. on Distributed Process. (TCDP)

Conference Date: 6-10 June 2005      Conference Location: Columbus, OH, USA

Language: English

Subfile: B C

Copyright 2005, IEE

...Abstract: aggregation communication paradigm. This is accomplished by using a distributed algorithm to put nodes into **sleep mode** for a given **period** of time, thereby trading off energy **usage** for the accuracy of the **data** received at the sink. Bayesian inference is used to infer the missing data from the...  
?

### Patent Bibliographic Files

? show files; ds; save temp; logoff hold  
File 344:Chinese Patents Abs Jan 1985-2006/Jan  
          (c) 2006 European Patent Office  
File 347:JAPIO Dec 1976-2005/Dec(Updated 060404)  
          (c) 2006 JPO & JAPIO  
File 350:Derwent WPIX 1963-2006/UD,UM &UP=200631  
          (c) 2006 Thomson Derwent

| Set | Items  | Description   |
|-----|--------|---|
| S1  | 19632  | (USAGE? ? OR UTILIZATION? ? OR UTILISATION? ?)(7N)(DATA OR STATISTIC? ? OR INFO OR INFORMATION OR RECORD???)  |
| S2  | 7161   | S1(7N)( COLLECT? OR UPDAT? OR MONITOR??? OR MEASUR??? OR - AGGREGAT??? OR GATHER??? OR COLLECT??? OR COLLOCAT??? OR ASSE-MBL??? OR POOL??? OR RECORD??? OR CAPTUR??? OR GET? ? OR GETT-ING OR RECEIV??? OR PULL??? OR GRAB? ? OR GRABBING OR EXTRACT-??? OR TAKE? ? |
| S3  | 116528 | (POCKET?? OR PALM()TOP?? OR PALMTOP?? OR PALM(2N)PILOT?? OR HANDSPRING?? OR HAND()SPRING?? OR HANDHELD?? OR HAND()HELD-?? OR POCKETPC OR POCKET()PC )   |
| S4  | 697024 | S3 OR (HANDHELD()DIGITAL()ORGANIZER?? OR PDA OR (PORTABLE-?? OR PERSONAL??)())DIGITAL()ASSISTANT? ? OR PORTABLE()COMPUT?-??()DEVICE? ?) OR (ELECTRONIC OR COMPUT???) (3N) (UNIT? ? OR DE-VICE? ? OR EQUIPMENT?? OR APPARATUS OR SYSTEM? ?)                          |
| S5  | 365580 | (POWER? OR ENERGI?) (3N) (BATTERY? ? OR BATTERIES OR (POWER - OR ELECTRICAL OR FUEL) () (SUPPLY OR CELL? ?))  |
| S6  | 3650   | S5(7N) (DURATION OR PERIOD OR TIME() (FRAME? ? OR LENGTH) OR AMOUNT()TIME OR (ESTIMATE OR MEASURE) () (TIME OR MINUTE OR SEC-OND))  |
| S7  | 78896  | (POWER? OR ENERGI?) (7N) (EXTERNAL OR OUTSIDE OR OUT()SIDE OR EXTERIOR OR OUTWARD OR AC (3N) (POWER? ? OR ADPATER? ? OR CU-RRENT? ? OR VOLTAGE? ?))   |
| S8  | 726    | S7(7N) (DURATION OR PERIOD OR TIME() (FRAME? ? OR LENGTH) OR AMOUNT()TIME OR (ESTIMATE OR MEASURE) () (TIME OR MINUTE OR SEC-OND))  |
| S9  | 65     | (DURATION OR PERIOD OR TIME() (FRAME? ? OR LENGTH) OR AMOUN-T()TIME OR (ESTIMATE OR MEASURE) () (TIME OR MINUTE OR SECOND))- (7N) (SLEEP()MODE? ? OR AUTO()SHUTOFF)   |
| S10 | 73     | AU=(FLORE, R? OR FLORES R? OR BOTWICK, B? OR BOSTWICK B?)   |
| S11 | 0      | S10 AND S1  |
| S12 | 0      | S10 AND S9  |
| S13 | 6      | S1 AND S6   |

|     |     |            |
|-----|-----|------------|
| S14 | 2   | S1 AND S8  |
| S15 | 0   | S1 AND S9  |
| S16 | 313 | S1 AND S5  |
| S17 | 15  | S16 AND S7 |
| S18 | 0   | S16 AND S9 |

**13/3,K/1 (Item 1 from file: 347)**

DIALOG(R)File 347:JAPIO

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07705122     \*\*Image available\*\*  
 INFORMATION RECORDING APPARATUS

PUB. NO.:        2003-199002 [JP 2003199002 A]  
 PUBLISHED:      July 11, 2003 (20030711)  
 INVENTOR(s):    NAGATA HIDESHI  
 APPLICANT(s):   SHARP CORP  
 APPL. NO.:      2001-398609 [JP 2001398609]  
 FILED:          December 27, 2001 (20011227)

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide an information recording apparatus, which selects a fittest **data** coding method on the basis of a **utilization** time required by a user and a residual battery power, reduces the battery power to be consumed for **recording** pictures and voices, reserves the **utilization** time requested by the user, and **records** the pictures and the voices with high fidelity as possible during the **utilization** time.

SOLUTION: An **information recording** apparatus estimates a residual battery power on the basis of an output voltage and a temperature of a battery when a user sets a **utilization** request time frame (time frame for **recording** pictures and voices) from a tablet 11 and a keyboard 13. The recording apparatus computes...

... that can be consumed by a unit time on the basis of the utilization request **time frame** and the residual **battery power**. The apparatus selects a data coding method that can be implemented within the utilization request...

**13/3,K/2 (Item 2 from file: 347)**

DIALOG(R)File 347:JAPIO

(c) 2006 JPO & JAPIO. All rts. reserv.

07482978      \*\*Image available\*\*  
DATA REPRODUCING DEVICE

PUB. NO.:        2002-351496 [JP 2002351496 A]  
PUBLISHED:      December 06, 2002 (20021206)  
INVENTOR(s):    SHINOZAKI WATARU  
APPLICANT(s):   OLYMPUS OPTICAL CO LTD  
APPL. NO.:      2001-153844 [JP 2001153844]  
FILED:          May 23, 2001 (20010523)

ABSTRACT

... BE SOLVED: To reduce the power consumption by efficiently and simply turning on and off **power** supply during a **utilization period** only, in a **data** reproducing device having a plurality of **utilization** states.

SOLUTION: In the device, at least two or more kinds of coded data can...

**13/3,K/3      (Item 1 from file: 350)**  
DIALOG(R)File 350:Derwent WPIX  
(c) 2006 Thomson Derwent. All rts. reserv.

017462226      \*\*Image available\*\*  
WPI Acc No: 2005-785901/200580  
XRPX Acc No: N05-650833

**Multimedia messaging service data storage and transporting device, has**  
**memory unit with medium to store data, and has contacting device formed**  
**as connection unit to connect transporting device to mobile communication device**

Patent Assignee: SIEMENS AG (SIEI )  
Inventor: BURCHARDT B  
Number of Countries: 109    Number of Patents: 002  
Patent Family:  
Patent No      Kind    Date      Applicat No      Kind    Date      Week  
WO 200591658    A1    20050929    WO 2005DE443    A    20050308    200580    B  
DE 102004014418    A1    20051013    DE 102004014418    A    20040318    200580

Priority Applications (No Type Date): DE 102004014418 A 20040318

Patent Details:

Patent No    Kind    Lan    Pg    Main IPC    Filing Notes  
WO 200591658    A1    G    18    H04Q-007/32

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BW BY  
BZ  
CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID  
IL  
IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ  
NA  
NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT  
TZ

UA UG US UZ VC VN YU ZA ZM ZW  
Designated States (Regional): AT BE BG BW CH CY CZ DE DK EA EE ES FI  
FR  
GB GH GM GR HU IE IS IT KE LS LT LU MC MW MZ NA NL OA PL PT RO SD SE  
SI  
SK SL SZ TR TZ UG ZM ZW  
DE 102004014418 A1 H04M-001/00

Abstract (Basic):

... A) a **usage** of a device for storing and transporting **data**  
from and to a mobile communication device...

...The device stores and transports the MMS data for a longer **period**  
without using more **power supply** .

**13/3,K/4 (Item 2 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2006 Thomson Derwent. All rts. reserv.

015931454 \*\*Image available\*\*

WPI Acc No: 2004-089295/200409

XRPX Acc No: N04-071477

**Phase locked loop circuit arrangement for use in mobile terminals of  
terrestrial trunked radio network, has low-pass filter whose output  
signal controls operation of voltage controlled oscillator**

Patent Assignee: NOKIA CORP (OYNO )

Inventor: SUHONEN M

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No      | Kind | Date     | Applicat No   | Kind | Date     | Week     |
|----------------|------|----------|---------------|------|----------|----------|
| US 20030220087 | A1   | 20031127 | US 2003429493 | A    | 20030505 | 200409 B |

Priority Applications (No Type Date): US 2003429493 A 20030505

Patent Details:

| Patent No      | Kind | Lan Pg | Main IPC    | Filing Notes |
|----------------|------|--------|-------------|--------------|
| US 20030220087 | A1   | 12     | H04B-001/18 |              |

Abstract (Basic):

... of the VCO, and power supply to the VCO is switched off  
during

the non- **utilization** period of time slots in **data** transfer  
process.

... time and the switching noise are reduced in the PLL circuit  
by

switching off the **power** supply to the VCO, during the non-  
**utilization period** of time slots in **data** transfer process...

**13/3,K/5 (Item 3 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2006 Thomson Derwent. All rts. reserv.

015325186 \*\*Image available\*\*

WPI Acc No: 2003-386121/200337

XRPX Acc No: N03-308537

**Toilet washing apparatus detects power supply interruption during usage or non- usage period based on which control information is stored in non-volatile memory**

Patent Assignee: TOTO LTD (TTOC )

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No     | Kind | Date     | Applicat No   | Kind | Date     | Week     |
|---------------|------|----------|---------------|------|----------|----------|
| JP 2003096881 | A    | 20030403 | JP 2001297372 | A    | 20010927 | 200337 B |

Priority Applications (No Type Date): JP 2001297372 A 20010927

Patent Details:

| Patent No     | Kind | Lan Pg | Main IPC    | Filing Notes |
|---------------|------|--------|-------------|--------------|
| JP 2003096881 | A    | 14     | E03D-009/08 |              |

**Toilet washing apparatus detects power supply interruption during usage or non- usage period based on which control information is stored in non-volatile memory**

Abstract (Basic):

... instructions related to washing unit are stored in a non-volatile memory based on detected **power supply** interruption during usage or non-usage **period** . Based on the instructions, the washing unit is reset.

13/3,K/6 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2006 Thomson Derwent. All rts. reserv.

013014731 \*\*Image available\*\*

WPI Acc No: 2000-186582/200017

Related WPI Acc No: 2005-626426

XRPX Acc No: N00-138092

**Power supply controller for note-book personal computer, controls charging of battery and switching of driving power supply from AC adaptor**

**to battery based on predetermined time information**

Patent Assignee: TOSHIBA COMPUTER ENG KK (TOSH-N); TOSHIBA KK (TOKE );

TOSHIBA COMMUNICATION TECHNOLOGY (TOSH-N)

Number of Countries: 001 Number of Patents: 002

Patent Family:

| Patent No     | Kind | Date     | Applicat No | Kind | Date     | Week     |
|---------------|------|----------|-------------|------|----------|----------|
| JP 2000029576 | A    | 20000128 | JP 98200586 | A    | 19980715 | 200017 B |
| JP 3730414    | B2   | 20060105 | JP 98200586 | A    | 19980715 | 200603   |

Priority Applications (No Type Date): JP 98200586 A 19980715

Patent Details:

| Patent No     | Kind | Lan Pg | Main IPC    | Filing Notes                        |
|---------------|------|--------|-------------|-------------------------------------|
| JP 2000029576 | A    | 10     | G06F-001/26 |                                     |
| JP 3730414    | B2   | 12     | G06F-001/26 | Previous Publ. patent JP 2000029576 |

...Abstract (Basic): of the two different modes based on the predetermined

time information including charging approval period **information** and

AC adaptor **usage** prohibition period **information** . Battery is charged

automatically in that mode in the time zone designated by the

charging  
 approval **period** information. DETAILED DESCRIPTION - Switching of  
 the  
 driving **power supply** from the AC adaptor (20) to the battery is  
 automatically performed at the time zone designated by the AC  
 adaptor  
**usage** prohibition period **information** . An INDEPENDENT CLAIM is  
 also  
 included for the method of controlling the power supplied to...  
 ?

14/3,K/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2006 Thomson Derwent. All rts. reserv.

013014731 \*\*Image available\*\*

WPI Acc No: 2000-186582/200017

Related WPI Acc No: 2005-626426

XRPX Acc No: N00-138092

**Power supply controller for note-book personal computer, controls  
 charging of battery and switching of driving power supply from AC  
 adaptor**

**to battery based on predetermined time information**

Patent Assignee: TOSHIBA COMPUTER ENG KK (TOSH-N); TOSHIBA KK (TOKE );

TOSHIBA COMMUNICATION TECHNOLOGY (TOSH-N)

Number of Countries: 001 Number of Patents: 002

Patent Family:

| Patent No     | Kind | Date     | Applicat No | Kind | Date     | Week     |
|---------------|------|----------|-------------|------|----------|----------|
| JP 2000029576 | A    | 20000128 | JP 98200586 | A    | 19980715 | 200017 B |
| JP 3730414    | B2   | 20060105 | JP 98200586 | A    | 19980715 | 200603   |

Priority Applications (No Type Date): JP 98200586 A 19980715

Patent Details:

| Patent No     | Kind | Lan | Pg | Main IPC    | Filing Notes             |
|---------------|------|-----|----|-------------|--------------------------|
| JP 2000029576 | A    |     | 10 | G06F-001/26 |                          |
| JP 3730414    | B2   |     | 12 | G06F-001/26 | Previous Publ. patent JP |

2000029576

2000029576

...Abstract (Basic): of the two different modes based on the  
 predetermined

time information including charging approval period **information**  
 and

AC adaptor **usage** prohibition period **information** . Battery is  
 charged

automatically in that mode in the time zone designated by the  
 charging

approval **period** information. DETAILED DESCRIPTION - Switching of  
 the

driving **power** supply from the **AC** adaptor (20) to the battery is  
 automatically performed at the time zone designated by the AC

adaptor

**usage** prohibition period **information** . An INDEPENDENT CLAIM is  
 also

included for the method of controlling the power supplied to...

14/3,K/2 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2006 Thomson Derwent. All rts. reserv.

007338058

WPI Acc No: 1987-335064/198747

XRPX Acc No: N87-250836

**Remote sensor with inductively coupled power supply - couples bridge  
rectifier to earth via capacitor with Zener diode used to regulate  
voltage level**

Patent Assignee: AQUATROL CORP (AQUA-N)

Inventor: BROWN R W

Number of Countries: 032 Number of Patents: 005

Patent Family:

| Patent No  | Kind | Date     | Applicat No | Kind | Date     | Week     |
|------------|------|----------|-------------|------|----------|----------|
| WO 8707105 | A    | 19871119 | WO 87US1079 | A    | 19870506 | 198747 B |
| AU 8774862 | A    | 19871201 |             |      |          | 198809   |
| CN 8704107 | A    | 19880224 |             |      |          | 198915   |
| ES 2003306 | A    | 19881016 | ES 871396   | A    | 19870511 | 198930   |
| US 4893332 | A    | 19900109 | US 88188496 | A    | 19880429 | 199010   |

Priority Applications (No Type Date): US 86862124 A 19860512

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|----------|--------------|
|-----------|------|-----|----|----------|--------------|

|            |   |   |    |  |  |
|------------|---|---|----|--|--|
| WO 8707105 | A | E | 41 |  |  |
|------------|---|---|----|--|--|

Designated States (National): AU BB BG BR DK FI HU JP KP KR LK MC MG  
MW

NO RO SD SU

Designated States (Regional): AT BE CH DE FR GB IT LU NL OA SE  
US 4893332 A 20

...Abstract (Basic): Utility usage for common utilities is reported on a periodic basis over telephone lines. Utility **usage** is continually **recorded** and can be read by a portable recording device through a remote cabled interface...

...Abstract (Equivalent): A low-powered remote sensor is achieved by capacitively isolating a long **duration** perpetual timer which is **powered** by removing inductively coupled **AC power** from telephone lines or other long lines. Three embodiments are described using this concept. The...

...The third embodiment is a remote utility sensor which continually **records** utility **usage** and can be read by a portable **recording** device through a remote cabled interface...

?

17/3,K/1 (Item 1 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2006 JPO & JAPIO. All rts. reserv.

00409426

MEMORY DESTRUCTION PREVENTING DEVICE FOR MEMORY UNIT



PUB. NO.: 54-061426 [JP 54061426 A]  
PUBLISHED: May 17, 1979 (19790517)  
INVENTOR(s): OGAWA YASUICHIRO  
HATTORI MOTONOBU  
YAEGASHI HIROSHI  
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation),  
JP  
(Japan)  
APPL. NO.: 52-127524 [JP 77127524]  
FILED: October 26, 1977 (19771026)  
JOURNAL: Section: E, Section No. 123, Vol. 03, No. 82, Pg. 115,  
July  
14, 1979 (19790714)

#### ABSTRACT

...a simple constitution, after a given time from the occurrence of failure signal for the **power supply** failure detection circuit...

... the program counter advancing sequentially designating and operating each address of the memory unit, the **power supply** failure detection circuit 2 detects the interruption or **power** failure of the **AC** main **power supply** and outputs the failure signal, the counter circuit 3 inputs the clock pulse from the...

...the data memory of volatility into the non-volatile memory unit, and the range of **data usage** can be extended and the content of the memory unit can surely be protected

17/3,K/2 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2006 Thomson Derwent. All rts. reserv.

017594499 \*\*Image available\*\*  
WPI Acc No: 2006-105754/200611  
XRPX Acc No: N06-091593

**Recording device e.g. inkjet printer performs normal printing operation/switching operation to low power consumption mode respectively,**  
**when power is supplied from alternating current/ battery power supply**

Patent Assignee: CANON KK (CANO )  
Inventor: OKADA M  
Number of Countries: 001 Number of Patents: 001  
Patent Family:  
Patent No Kind Date Applicat No Kind Date Week  
JP 2006027007 A 20060202 JP 2004207218 A 20040714 200611 B

Priority Applications (No Type Date): JP 2004207218 A 20040714

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
JP 2006027007 A 14 B41J-029/38

... switching operation to low power consumption mode respectively,  
when  
power is supplied from alternating current/ battery power supply

Abstract (Basic):

... A detection unit detects whether the recording device is to  
be  
connected to alternating current ( AC ) power supply (341) or  
battery power supply (340). When detected that power is to  
be  
supplied from AC/ battery power supply , normal printing  
operation  
or switching operation to low power consumption control mode is  
performed, respectively.  
... Ensures long-time usage of recording device and reduces  
the  
power consumption of recording device...

... battery power supply (340...

... AC power supply (341...

... power - supply source detection unit (342

17/3,K/3 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2006 Thomson Derwent. All rts. reserv.

017172029 \*\*Image available\*\*

WPI Acc No: 2005-495645/200550

XRPX Acc No: N05-404173

Intelligent power supply for information handling system, has AC  
identification circuit and DC identification circuit, either of which  
generates data signal which is used to dynamically manage power  
utilization

Patent Assignee: ALLEN R (ALLE-I); BAIN W O (BAIN-I)

Inventor: ALLEN R; BAIN W O

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No      | Kind | Date     | Applicat No   | Kind | Date     | Week     |
|----------------|------|----------|---------------|------|----------|----------|
| US 20050138437 | A1   | 20050623 | US 2003741400 | A    | 20031219 | 200550 B |

Priority Applications (No Type Date): US 2003741400 A 20031219

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
US 20050138437 A1 9 G06F-001/26

Intelligent power supply for information handling system, has AC  
identification circuit and DC identification circuit, either of  
which...

Abstract (Basic):

... DC identification circuit (78) is activated and generates a data signal based on whether a **power** detection circuit (74) detects that incoming **power** is **AC** or **DC**. The **data** signal is used to dynamically manage power **utilization** in an **information** handling system.

... A) a method for determining the managing power **utilization** in an **information** handling system...

...B) a system for monitoring the state of an **external power** source provided to an information handling system; and...

**17/3,K/4 (Item 3 from file: 350)**  
 DIALOG(R)File 350:Derwent WPIX  
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016148786 \*\*Image available\*\*  
 WPI Acc No: 2004-306673/200429  
 XRPX Acc No: N04-244275

**Connector for data bus has facility to provide power supply to range**

**of external devices with differing load factors**

Patent Assignee: MERTEN GMBH & CO KG (MERT-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No    | Kind | Date     | Applicat No     | Kind | Date     | Week     |
|--------------|------|----------|-----------------|------|----------|----------|
| DE 202120866 | U1   | 20040325 | DE U22002014866 | U    | 20020926 | 200429 B |

Priority Applications (No Type Date): DE U22002014866 U 20020926

Patent Details:

| Patent No    | Kind | Lan Pg | Main IPC    | Filing Notes |
|--------------|------|--------|-------------|--------------|
| DE 202120866 | U1   | 5      | G06F-013/38 |              |

**Connector for data bus has facility to provide power supply to range**

**of external devices with differing load factors**

Abstract (Basic):

... Improved **utilisation** of **data** bus power and improved flexibility of use...

**17/3,K/5 (Item 4 from file: 350)**  
 DIALOG(R)File 350:Derwent WPIX  
 (c) 2006 Thomson Derwent. All rts. reserv.

014419306 \*\*Image available\*\*  
 WPI Acc No: 2002-240009/200229  
 XRPX Acc No: N02-185174

**Generating and storing arrangement for metering information in a meter**

**for measuring a consumed commodity e.g. electricity has processing circuit and non-volatile, rewritable random access memory**

Patent Assignee: SIEMENS POWER TRANSMISSION & DISTRIBUTIO (SIEI );

BURNS G

R (BURN-I); SLATER B J (SLAT-I); VOISINE J T (VOIS-I); LANDIS & GYR  
INC

(LANI )

Inventor: SLATER B J; BURNS G R; VOISINE J T

Number of Countries: 022 Number of Patents: 004

Patent Family:

| Patent No      | Kind | Date     | Applicat No    | Kind | Date     | Week     |
|----------------|------|----------|----------------|------|----------|----------|
| WO 200177695   | A2   | 20011018 | WO 2001US11454 | A    | 20010407 | 200229 B |
| US 20020036492 | A1   | 20020328 | US 2000195660  | P    | 20000407 | 200229   |
|                |      |          | US 2001828701  | A    | 20010406 |          |
| MX 2002009889  | A1   | 20030401 | WO 2001US11454 | A    | 20010407 | 200415   |
|                |      |          | MX 20029889    | A    | 20021007 |          |
| US 6873144     | B2   | 20050329 | US 2000195660  | P    | 20000407 | 200522   |
|                |      |          | US 2001828701  | A    | 20010406 |          |

Priority Applications (No Type Date): US 2000195660 P 20000407; US  
2001828701 A 20010406

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|----------|--------------|
|-----------|------|-----|----|----------|--------------|

|              |    |   |    |             |  |
|--------------|----|---|----|-------------|--|
| WO 200177695 | A2 | E | 32 | G01R-021/00 |  |
|--------------|----|---|----|-------------|--|

Designated States (National): CA MX

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT

LU

MC NL PT SE TR

|                |    |             |  |
|----------------|----|-------------|--|
| US 20020036492 | A1 | G01R-007/00 | Provisional application US<br>2000195660 |
|----------------|----|-------------|--|

|               |    |             |                              |
|---------------|----|-------------|------------------------------|
| MX 2002009889 | A1 | G01R-021/00 | Based on patent WO 200177695 |
|---------------|----|-------------|------------------------------|

|            |    |             |  |
|------------|----|-------------|--|
| US 6873144 | B2 | G01R-021/06 | Provisional application US<br>2000195660 |
|------------|----|-------------|--|

Abstract (Basic):

... 58) stores the metering information. The RAM retains the  
stored  
metering information on loss of **external** electrical **power** (56).  
The  
profiling **information** includes energy **usage** **information** for  
several time periods.  
... **External power supply** (56

17/3,K/6 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2006 Thomson Derwent. All rts. reserv.

013931380 \*\*Image available\*\*

WPI Acc No: 2001-415594/200144

XRPX Acc No: N01-308036

**Sanitary washing apparatus for use in toilet, limits processing unit  
so**

**that electric power supplied to air-conditioning unit is suppressed,  
if**

**it exceeds working current limit**

Patent Assignee: TOTO LTD (TTOC )

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-----------|------|------|-------------|------|------|------|
|-----------|------|------|-------------|------|------|------|

JP 2001136682 A 20010518 JP 99319362 A 19991110 200144 B

Priority Applications (No Type Date): JP 99319362 A 19991110

Patent Details:

| Patent No     | Kind | Lan | Pg | Main IPC    | Filing Notes |
|---------------|------|-----|----|-------------|--------------|
| JP 2001136682 | A    |     | 9  | H02J-013/00 |              |

Abstract (Basic):

... The sanitary washing apparatus (103), CPU (101) and air-conditioning unit (109) at **exterior** of toilet, are interconnected by **power** line (105). **Information** containing electric power **usage** from washing apparatus, is transmitted to the CPU. Based on the transmitted information, CPU is...

... Prevents **power supply** to all air-conditioning units, due to current cut-off stopping. Increase in current due...

**17/3,K/7 (Item 6 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2006 Thomson Derwent. All rts. reserv.

013465768 \*\*Image available\*\*

WPI Acc No: 2000-637711/200061

Related WPI Acc No: 2004-058572

XRPX Acc No: N00-472956

**Portable electronic printing system for portable handheld computers, has**

**power supply circuit for supplying power from external source to**

**printing system provided at one end of housing**

Patent Assignee: INTERMEC IP CORP (INTE-N)

Inventor: KUBOVICH M W; SHERMAN R A; WHITE R R

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No  | Kind | Date     | Applicat No | Kind | Date     | Week   |   |
|------------|------|----------|-------------|------|----------|--------|---|
| US 6126348 | A    | 20001003 | US 9881372  | P    | 19980410 | 200061 | B |
|            |      |          | US 9881381  | P    | 19980410 |        |   |
|            |      |          | US 9881412  | P    | 19980410 |        |   |
|            |      |          | US 9881435  | P    | 19980410 |        |   |
|            |      |          | US 99288983 | A    | 19990409 |        |   |

Priority Applications (No Type Date): US 99288983 A 19990409; US

9881372 P

19980410; US 9881381 P 19980410; US 9881412 P 19980410; US 9881435 P 19980410

Patent Details:

| Patent No  | Kind | Lan | Pg | Main IPC    | Filing Notes   |
|------------|------|-----|----|-------------|--|
| US 6126348 | A    |     | 15 | B41J-003/39 | Provisional application US 9881372<br>Provisional application US 9881381<br>Provisional application US 9881412<br>Provisional application US 9881435 |

**Portable electronic printing system for portable handheld computers, has**

power supply circuit for supplying power from external source  
to  
printing system provided at one end of housing

Abstract (Basic):

... A power supply foot assembly (818) disposed at one end  
of  
housing, includes power supply circuit for supplying power  
received from an external source to the system. The power supply  
foot assembly having side wall and bracket for supporting  
electronic  
device and for sinking heat...

... Used for utilization with portable handheld computers used  
for  
data collection and management in commercial transaction...

...by hand to an interior location and in that case the printer is  
operated  
with AC power .  
...

...The figure shows the portable electronic printing system and power  
supply circuit...

... Power supply foot assembly (818

17/3,K/8 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2006 Thomson Derwent. All rts. reserv.

013014731 \*\*Image available\*\*

WPI Acc No: 2000-186582/200017

Related WPI Acc No: 2005-626426

XPX Acc No: N00-138092

Power supply controller for note-book personal computer, controls  
charging of battery and switching of driving power supply from  
AC

adaptor to battery based on predetermined time information

Patent Assignee: TOSHIBA COMPUTER ENG KK (TOSH-N); TOSHIBA KK (TOKE );

TOSHIBA COMMUNICATION TECHNOLOGY (TOSH-N)

Number of Countries: 001 Number of Patents: 002

Patent Family:

| Patent No     | Kind | Date     | Applicat No | Kind | Date     | Week     |
|---------------|------|----------|-------------|------|----------|----------|
| JP 2000029576 | A    | 20000128 | JP 98200586 | A    | 19980715 | 200017 B |
| JP 3730414    | B2   | 20060105 | JP 98200586 | A    | 19980715 | 200603   |

Priority Applications (No Type Date): JP 98200586 A 19980715

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|----------|--------------|
|-----------|------|-----|----|----------|--------------|

|               |   |  |    |             |  |
|---------------|---|--|----|-------------|--|
| JP 2000029576 | A |  | 10 | G06F-001/26 |  |
|---------------|---|--|----|-------------|--|

|            |    |  |    |             |                          |
|------------|----|--|----|-------------|--------------------------|
| JP 3730414 | B2 |  | 12 | G06F-001/26 | Previous Publ. patent JP |
|------------|----|--|----|-------------|--------------------------|

2000029576

Power supply controller for note-book personal computer, controls  
charging of battery and switching of driving power supply from  
AC

adaptor to battery based on predetermined time information

...Abstract (Basic): of the two different modes based on the predetermined time information including charging approval period **information** and AC adaptor **usage** prohibition period **information** . Battery is charged automatically in that mode in the time zone designated by the charging approval period information. DETAILED DESCRIPTION - Switching of the driving **power supply** from the **AC** adaptor (20) to the battery is automatically performed at the time zone designated by the AC adaptor **usage** prohibition period **information** . An INDEPENDENT CLAIM is also included for the method of controlling the power supplied to...

...ADVANTAGE - Enables to effectively use electric power and to automatically switch the **power supply** based on the set time. DESCRIPTION OF DRAWING(S) - The figure shows the block diagram...

17/3,K/9 (Item 8 from file: 350)  
 DIALOG(R)File 350:Derwent WPIX  
 (c) 2006 Thomson Derwent. All rts. reserv.

012184429 \*\*Image available\*\*  
 WPI Acc No: 1998-601342/199851  
 XRPX Acc No: N98-468732

**Wireless mobile communication apparatus e.g. portable telephone, vehicular telephone - includes controller that stops data transmission**

**when detected battery voltage is less than predefined value and controls**

**data reception from data terminal via modem card**

Patent Assignee: NIPPON ELECTRIC CO (NIDE ); NEC CORP (NIDE )

Inventor: SUZUKI I

Number of Countries: 004 Number of Patents: 006

Patent Family:

| Patent No   | Kind | Date     | Applicat No | Kind | Date     | Week   |   |
|-------------|------|----------|-------------|------|----------|--------|---|
| JP 10271231 | A    | 19981009 | JP 9769757  | A    | 19970324 | 199851 | B |
| GB 2326062  | A    | 19981209 | GB 986316   | A    | 19980324 | 199851 |   |
| CN 1209714  | A    | 19990303 | CN 98114829 | A    | 19980324 | 199928 |   |
| GB 2326062  | B    | 19990721 | GB 986316   | A    | 19980324 | 199931 |   |
| JP 3134802  | B2   | 20010213 | JP 9769757  | A    | 19970324 | 200111 |   |
| US 6256520  | B1   | 20010703 | US 9845787  | A    | 19980323 | 200140 |   |

Priority Applications (No Type Date): JP 9769757 A 19970324

Patent Details:

| Patent No   | Kind | Lan | Pg | Main IPC    | Filing Notes                      |
|-------------|------|-----|----|-------------|-----------------------------------|
| JP 10271231 | A    |     | 10 | H04M-011/00 |                                   |
| GB 2326062  | A    |     |    | H04M-001/72 |                                   |
| CN 1209714  | A    |     |    | H04Q-007/32 |                                   |
| GB 2326062  | B    |     |    | H04M-001/72 |                                   |
| JP 3134802  | B2   |     | 10 | H04M-011/00 | Previous Publ. patent JP 10271231 |

...Abstract (Basic): The apparatus includes a transmitter (1) through which

data is transmitted to **external** devices. A **battery** (3) supplies **power** to apparatus main body. A controller (8) detects voltage of the

battery during wireless data...

...the data from a data terminal via a modem card (20). Thus the controller

controls **power supply** from **battery** during data transmission and

data reception from data terminal, when data transmission is stopped...

...ADVANTAGE - Reduces power consumption. Avoids communication disconnection for long time. Improves effective **usage** of radio frequency signal by avoiding **data** forwarding from beginning after stopping data transmission. Allows battery exchange...

17/3,K/10 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2006 Thomson Derwent. All rts. reserv.

011353131 \*\*Image available\*\*

WPI Acc No: 1997-331037/199730

XRPX Acc No: N97-274806

**Interconnection system for connecting solar distributed power system with**

**electric power system - has first information transmitter which generates**

**electricity generation information of AC power supply**  
Patent Assignee: HITACHI ENG CO LTD (HITJ ); HITACHI LTD (HITA )

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No  | Kind | Date     | Applicat No | Kind | Date     | Week     |
|------------|------|----------|-------------|------|----------|----------|
| JP 9135536 | A    | 19970520 | JP 95288358 | A    | 19951107 | 199730 B |

Priority Applications (No Type Date): JP 95288358 A 19951107

Patent Details:

| Patent No  | Kind | Lan Pg | Main IPC    | Filing Notes |
|------------|------|--------|-------------|--------------|
| JP 9135536 | A    | 13     | H02J-003/38 |              |

... **has first information transmitter which generates electricity generation information of AC power supply**

...Abstract (Basic): system has a first information transmitter (1) which

generates the electricity generation information of an **AC power supply** . A second information transmitter (2) generates a control signal for controlling the current of a distributed **power supply** of

the customer based on the electricity generation information received

from the first information transmitter...



...A third information transmitter (3) controls the current of the distributed **power supply** and the load factor of a load group based on the control signal from the second information transmitter. The second **information** transmitter receives the electric power **usage information** of the customer and the electricity generation information of the distributed **power supply** from the third information transmitter...

17/3,K/11 (Item 10 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2006 Thomson Derwent. All rts. reserv.

011286063 \*\*Image available\*\*  
WPI Acc No: 1997-263968/199724  
XRPX Acc No: N97-218305

**Memory control circuit of image forming appts like copier, printer - has**

**controller that prevents reduction of supply voltage below write-in voltage during write-in period of data into EEPROM**

Patent Assignee: RICOH KK (RICO )

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No  | Kind | Date     | Applicat No | Kind | Date     | Week     |
|------------|------|----------|-------------|------|----------|----------|
| JP 9091208 | A    | 19970404 | JP 95247746 | A    | 19950926 | 199724 B |

Priority Applications (No Type Date): JP 95247746 A 19950926

Patent Details:

| Patent No  | Kind | Lan Pg | Main IPC    | Filing Notes |
|------------|------|--------|-------------|--------------|
| JP 9091208 | A    | 10     | G06F-012/16 |              |

...Abstract (Basic): zero cross signal detector that generates the cross

signal at zero point of a main **AC power supply** unit. The **AC power** from the main **AC power supply** unit is supported to a DC

**power supply** unit. The DC **power** from the DC **power supply** unit

is supplied to various loads such as the solenoid appts, EM clutch appts etc...

...zero cross signal when the time measured by the timer exceeds the set

value, the **power supply** to the specific load from the DC **power supply** unit is stopped. Consequently, voltage holding time of the DC

**power supply** unit is increased. A controller prevents reduction of supply voltage in the write-in period...

...ADVANTAGE - Prevents fault write-in **data** into EEPROM. Improves memory **utilisation** efficiency...

17/3,K/12 (Item 11 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2006 Thomson Derwent. All rts. reserv.

010823153 \*\*Image available\*\*  
WPI Acc No: 1996-320106/199632  
XRPX Acc No: N96-269393

**Vehicle controller for e.g. fuel injection control and ignition time control - has battery power supply that supplies voltage to charging circuit that supplies voltage power to memory of processing circuit**

Patent Assignee: UNISIA JECS CORP (NIEJ )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

| Patent No  | Kind | Date     | Applicat No | Kind | Date     | Week     |
|------------|------|----------|-------------|------|----------|----------|
| JP 8144840 | A    | 19960604 | JP 94314214 | A    | 19941124 | 199632 B |

Priority Applications (No Type Date): JP 94314214 A 19941124

Patent Details:

| Patent No  | Kind | Lan Pg | Main IPC    | Filing Notes |
|------------|------|--------|-------------|--------------|
| JP 8144840 | A    | 8      | F02D-045/00 |              |

... **has battery power supply that supplies voltage to charging circuit that supplies voltage power to memory of processing circuit**

...Abstract (Basic): The operation of the processor is made through a **battery power supply** (22) that is equipped with a charging circuit. A **battery power supply** mounted **outside** of the unit case supplies voltage **power** to the charging circuit of the processor

**battery power supply .**

...

...ADVANTAGE - Prevents information erasure of **data** contained within processor memory through **usage** of back-up **battery power supply**

that is mounted **outside** of unit case

17/3,K/13 (Item 12 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2006 Thomson Derwent. All rts. reserv.

009747324 \*\*Image available\*\*  
WPI Acc No: 1994-027175/199404  
XRPX Acc No: N94-021027

**Portable data communication unit of pocket calculator size - has touch**

**contact graphics screen and built-in pulse phase modulated signal transmitter of IR signals**

Patent Assignee: ANDROMEDA GES COMPUTER & ROBOTER PROD (ANDR-N)  
Inventor: BLOMEYER-BARTENSTEIN H; KUHN R  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

| Patent No  | Kind | Date     | Applicat No | Kind | Date     | Week     |
|------------|------|----------|-------------|------|----------|----------|
| DE 4223397 | A1   | 19940120 | DE 4223397  | A    | 19920716 | 199404 B |

Priority Applications (No Type Date): DE 4223397 A 19920716

Patent Details:

| Patent No  | Kind | Lan | Pg | Main IPC     | Filing Notes |
|------------|------|-----|----|--------------|--------------|
| DE 4223397 | A1   |     | 3  | G06F-003/037 |              |

...Abstract (Basic): can be adjusted using controls along the top edge.  
The

unit has a built-in **power supply** .

...

...ADVANTAGE - Compact, lightweight unit independent of **external data**

leads and **power** supplies for easy **usage** .

**17/3,K/14 (Item 13 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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008346446 \*\*Image available\*\*

WPI Acc No: 1990-233447/199031

XRPX Acc No: N90-181028

**Franking machine communication system - includes several peripheral units**

**powered from common mains supply with data being transmitted via power**

**supply connections**

Patent Assignee: ALCATEL BUSINESS SY (ALCA-N); ALCATEL BUSINESS SYSTEMS LTD

(ALCA-N)

Inventor: HERBERT R J

Number of Countries: 001 Number of Patents: 002

Patent Family:

| Patent No  | Kind | Date     | Applicat No | Kind | Date     | Week     |
|------------|------|----------|-------------|------|----------|----------|
| GB 2227453 | A    | 19900801 | GB 8830420  | A    | 19881230 | 199031 B |
| GB 2227453 | B    | 19930331 | GB 8830420  | A    | 19881230 | 199313   |

Priority Applications (No Type Date): GB 8830420 A 19881230

Patent Details:

| Patent No  | Kind | Lan | Pg | Main IPC    | Filing Notes |
|------------|------|-----|----|-------------|--------------|
| GB 2227453 | B    |     | 2  | G07B-017/00 |              |

... **includes several peripheral units powered from common mains supply with data being transmitted via power supply connections**

...Abstract (Basic): mains electricity supply (19) data communication between the units is accomplished via the common mains **power supply**

connections (20...

...with the secure housing of the franking machine one access point is sufficient for both **power supply** and data transmission...

...Abstract (Equivalent): means connected to said memory means and operative to store in said memory means accounting **data** relating to

**usage** of said franking meter device; a secure housing containing said

memory means and said electronic...

...through a wall of said secure housing to provide electrical power current from a mains **power supply** to said electronic memory means

and to said electronic processor means; at least one **external** peripheral device including electronic circuits **powered** by electrical current received from said mains **power supply** ; and wherein communication of signals between the processor means internally of the secure housing and...

...receiving means in said peripheral device connected to said electronic circuits and to said mains **power supply** via second data-specific connections for transmission and reception of data signals but not of

...

17/3,K/15 (Item 14 from file: 350)  
 DIALOG(R)File 350:Derwent WPIX  
 (c) 2006 Thomson Derwent. All rts. reserv.

007338058

WPI Acc No: 1987-335064/198747

XRPX Acc No: N87-250836

**Remote sensor with inductively coupled power supply - couples bridge**  
**rectifier to earth via capacitor with Zener diode used to regulate voltage level**

Patent Assignee: AQUATROL CORP (AQUA-N)

Inventor: BROWN R W

Number of Countries: 032 Number of Patents: 005

Patent Family:

| Patent No  | Kind | Date     | Applicat No | Kind | Date     | Week   |   |
|------------|------|----------|-------------|------|----------|--------|---|
| WO 8707105 | A    | 19871119 | WO 87US1079 | A    | 19870506 | 198747 | B |
| AU 8774862 | A    | 19871201 |             |      |          | 198809 |   |
| CN 8704107 | A    | 19880224 |             |      |          | 198915 |   |
| ES 2003306 | A    | 19881016 | ES 871396   | A    | 19870511 | 198930 |   |
| US 4893332 | A    | 19900109 | US 88188496 | A    | 19880429 | 199010 |   |

Priority Applications (No Type Date): US 86862124 A 19860512

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 8707105 A E 41

Designated States (National): AU BB BG BR DK FI HU JP KP KR LK MC MG MW

NO RO SD SU

Designated States (Regional): AT BE CH DE FR GB IT LU NL OA SE

US 4893332 A 20

**Remote sensor with inductively coupled power supply -**

...Abstract (Basic): The remote sensor is **powered** by drawing

inductively  
coupled **AC power** from a long line (e.g. a telephone line). Tip  
(102) and ring (103) wires...

...Utility usage for common utilities is reported on a periodic basis  
over  
telephone lines. Utility **usage** is continually **recorded** and can  
be  
read by a portable recording device through a remote cabled  
interface

...  
...Abstract (Equivalent): powered remote sensor is achieved by  
capacitively  
isolating a long duration perpetual timer which is **powered** by  
removing inductively coupled **AC power** from telephone lines or  
other  
long lines. Three embodiments are described using this concept.  
The...

...The third embodiment is a remote utility sensor which continually  
**records** utility **usage** and can be read by a portable **recording**  
device through a remote cabled interface...

?